

PLAN OF DEVELOPMENT
FOR THE
BRIAN HEAD RESORT
2007 SUMMER CONSTRUCTION PROJECTS

Submitted by:

International Alpine Design
For
Brian Head Resort

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NATIONAL FORESTS

#07-157

CIA LOG

Snowmaking/Utilities Installation

Another component of this construction plan is the installation of snowmaking water supply pipe, associated power supply infrastructure, snowmaking hydrants/pits/power pedestals, and power system transformers. The snowmaking pipe and power supply lines will be buried together wherever they coincide and will follow previously disturbed ground such as roads and trails wherever possible. The installation of the snowmaking/utilities infrastructure will occur in one (1) phase. The construction of snowmaking infrastructure will result in approximately 32.5 acres of additional snowmaking coverage. Approximately 20.4 acres of snowmaking coverage will occur on private lands with the remaining 12.1 acres occurring on Forest Service land. Please refer to Figure 1.3 for additional information on snowmaking systems.

There is approximately 13,785 feet of snowmaking pipe, which will be buried together with power supply lines. Approximately 4,951 feet of the co-buried snowmaking pipe and power will be installed on Forest Service land. In addition there are 2,125 feet of additional primary power being installed during construction with approximately 1,375 feet of the 2,125 feet being installed on Forest Service land. There will also be 53 snowmaking hydrants/pits being installed, with 21 of the 53 snowmaking hydrants/pits being installed on Forest Service Land. A depiction of the typical installation trench for the water pipe and power supply can be seen in Figure 1.4 and a depiction of the typical installation of the snowmaking hydrant/pit can be seen in Figure 1.5 and 1.6. There are also approximately 5 transformers being installed of which 3 will be located on Forest Service land.

The installation of snowmaking pipe and associated infrastructure will almost entirely occur on previously cleared ground such as existing permanent roads or existing and newly constructed ski trails. As stated previously in the guidelines for trail construction based on the "USFS Best Management Practices" "Whenever possible ski run construction will precede the location of utility pipelines in order to avoid multiple disturbances/entries." The Forest Service will be notified prior to construction so they can monitor the trenching for cultural impacts. Actual line locations will be verified and staked prior to construction.

Please refer to Figure 1.3 for information and location of new snowmaking lines.

Additional Parking

The final component of this construction plan is the additional parking that has been approved for employees near the existing maintenance shop. This additional parking will assist in alleviating pressures on the other parking facilities located at Brian Head Resort. The approximate area of the parking lot is 1.1 acres and is to be constructed in an area considered previously disturbed. Construction occurs in land that is generally clear of trees and will require only 15 – 25 trees to be removed. This area approved for additional parking lies entirely on Forest Service land.

Please refer to Figure 1.3 for information and location of the additional parking.